## Recreational Use Attainability Analysis

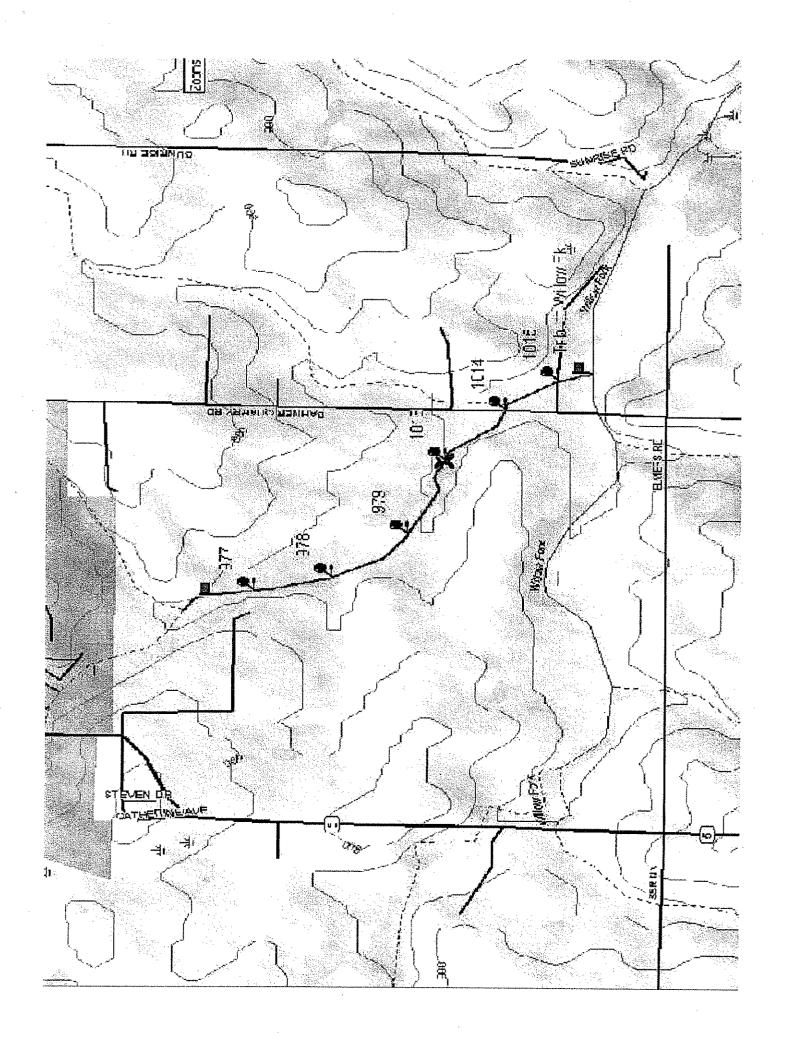
## **Cover Sheet**

Water Body Name: Trib. to Willow FK.	
Water Body Identification #:	
Completed UAA Checklist:	
<ul><li>Pre-Field Preparatory Data Sheet</li><li>Maps with actual survey sites marked</li></ul>	
Data Sheet A	
$\angle$ Data Sheet B – 3 of 3 pages for each site	
Number of Sites:	
Data Sheet C (if applicable)  Number of Interviews:	
Photographs	
o Quantities	
■ Upstream  ■ Downstream	•
■ Downstream <u>0</u> ■ Other <b>7</b>	
Onioi	
I the undersigned hereby offirm to the best of much	
I, the undersigned, hereby affirm to the best of my know is true and accurate.	wiedge, that all information reported in this UAA
Signed: July Jant?	Date: 07-28-06
Printed Name:	Telephone #: 410-356-8993
Organization: Tetra tech, Inc.	Position: Scientist
,	

### <u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: (from USGS 7.5' quad) Trib. to W	lillow FK.
8-digit HUC:	Missouri Water Body Identification (WBID) #: ()956
County: Moniteau	
Upstream Legal Description:	
Downstream Legal Description:	
Discharger Facility Name(s): Tiptor	1 WWTF
Discharger Permit Number(s):	94188
Weather Conditions for Past 7 days:	
Cle	ar Hot

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.



WBID # <u>0956</u>

Date: 07/17 /2000

## Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet A - Water Body Identification

Water Body Name: Trib to Willow FK	
WBID #: 0956	
Upstream Coordinates: 977 38.63007, - 92.76618	
Downstream Coordinates: (WGS 84, ddd.ddddd) 1015 38.63224, -92.77063	
Current Weather Conditions: Clear Hot	
Number of Sites Evaluated: (	
Name(s) of Surveyor(s): Chad Barbour John Roberts	

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

Photo Ids: Upstream: 670   Downstream: 675   Other: 676	Latitude (ddd.dddd): 3	3.63087		Arrival Time:		
Photo Ids: Upstream: 6701   Downstream: 6762   Other:   0703	_ · · · · · · · · · · · · · · · · · · ·					
arrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)  AT BAHMGH QUARRY  ROAD CROSSING.  Arrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual ms of interest.)  City/county parks  Boating accesses  State parks  National forests  Nature trails  Stairs/walkway  No trespass sign  Fence  Steep slopes  Other: AGABCOUTGRG-SEE PINTO O  UMAN TIME SEE PINTO O  UMAN TIME SEE PINTO O  UMAN TIME SEE PINTO O  UMAN UMAN USES Observed*:  Swimming  Skin diving  Boating  Boating  Waind surfing  Rafting  Hunting  Trapping  Fishing  Fishing  None of the above  Other:  Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, of the control o	Photo Idea Unetroomy	092-76618 A	(C): 32.257	Othor	**************************************	
Playgrounds   National forests   Nature trails   Stairs/walkway   No trespass sign   Fence   Steep slopes   Mother: AGAZCUCTURG - SEE PITOTO   Water skiing   Hunting   Trapping   Fishing   Fishing   Wind surfing   Trapping   Fishing   Fishing   Fishing   Rayling   Rayling   Rayling   Rayling   Roods   Playgrounds   Boating   Playgrounds   Notional forests   Nature trails   Stairs/walkway   No trespass sign   Find   Fishing   SCUBA diving   Tubing   Water skiing   Water skiing   Water skiing   Rafting   Hunting   Trapping   Fishing   Mone of the above   Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, of the stair   Note of the stair   Roods   Foot paths/prints   Dock/platform   Livestock Watering   RV/ATV Trac   Rope swings   Camping Sites   Fire pit/ring   NPDES Discharge   Fishing Tackle   Worker: Now E	rnoto tus: Opsucam.	0701	winsucam. 070%	Other.		
Playgrounds   MDC conservation lands   Urban areas   Campgrounds   Boating accesses   State parks   National forests   Nature trails   Stairs/walkway   No trespass sign   Fence   Steep slopes   Other: AGAICULTURG - SEE PITOTO   Other: Swimming   Skin diving   SCUBA diving   Tubing   Rafting   Hunting   Trapping   Fishing   Scubanding   Fishing   Mone of the above   Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, of the content		0703- FEA	ic E			
Playgrounds   MDC conservation lands   Urban areas   Campgrounds   Boating accesses   State parks   National forests   Nature trails   Stairs/walkway   No trespass sign   Fence   Steep slopes   Other: AGAJCUCTURG - SEE PITOTO   AGAJCUCTURG - SEE PITOTO   Other: Swimming   Skin diving   SCUBA diving   Tubing   Rafting   Water skiing   Hunting   Trapping   Fishing   Scubanding   None of the above   Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, of the content of the conte	rrativa Description	of Location: (Desc	ribe access point to stream new	why roads landmarks ata)		
City/county parks   Playgrounds   MDC conservation lands   Urban areas   Campgrounds   Boating accesses   State parks   National forests   Nature trails   Stairs/walkway   No trespass sign   Fence   Steep slopes   Other: AGAJCOUTARG - SEE PIDTO OTHER SWIMMING   Swimming   Skin diving   SCUBA diving   Tubing   Water skiing   Wind surfing   Kayaking   Boating   Wading   Rafting   Hunting   Trapping   Fishing   Fishing   None of the above   Other: Other: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, of the swings   Camping Sites   Fire pit/ring   NPDES Discharge   Fishing Tackle   Other: None (e.g., trash dumping, tires, drainages, discharges, etc.)				iroy roads, faikimarks, etc.,		
State parks   Playgrounds   MDC conservation lands   Urban areas   Campgrounds   Boating accesses   State parks   National forests   Nature trails   Stairs/walkway   No trespass sign   Fence   Steep slopes   Other: AGAJCULTURG SEE (140 TO OTHER)   Steep slopes   Other: AGAJCULTURG SEE (140 TO OTHER)   Other: AGAJCULTURG S						
State parks   Playgrounds   MDC conservation lands   Urban areas   Campgrounds   Boating accesses   State parks   National forests   Nature trails   Stairs/walkway   No trespass sign   Fence   Steep slopes   Other: AGAJCULTURG SEE (140 TO OTHER)   Steep slopes   Other: AGAJCULTURG SEE (140 TO OTHER)   Other: AGAJCULTURG S		<u> </u>	<del> </del>			
City/county parks	rrounding Conditio	ns*: (Mark all that pro	omote or impede recreational u	ises. Attach photos of evider	nce or unusual	
Boating accesses   State parks   National forests   Nature trails   Stairs/walkway     No trespass sign   Fence   Steep slopes   Other: AGAJCULTURG - SEE PITOTO OTHER OF SEE PITOTO OTHER OT						
□ No trespass sign  □ Fence  □ Steep slopes  □ Other: AGAJCULTURG - SEE PIOTO OT PROFINED STORM - SEE PIOTO OT PROFINED SEE PIOTO O	☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
Swimming	☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
Swimming	☐ No trespass sign	Fence	☑ Steep slopes	☑ Other: AGAJCULTO	1017-SEE 8/1078 NON	
□ Swimming       □ Skin diving       □ SCUBA diving       □ Tubing       □ Water skiing         □ Wind surfing       □ Kayaking       □ Boating       □ Wading       □ Rafting         □ Hunting       □ Trapping       □ Fishing       □ None of the above       □ Other:         □ Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, of the control of evidence of the above □ Other:         □ Roads       □ Foot paths/prints       □ Dock/platform       □ Livestock Watering       □ RV / ATV Trac         □ Rope swings       □ Camping Sites       □ Fire pit/ring       □ NPDES Discharge       □ Fishing Trackle         □ Other:       □ Other:       □ NPDES Discharge       □ Fishing Trackle         □ Other:       □	<u> </u>					
□ Wind surfing       □ Kayaking       □ Boating       □ Wading       □ Rafting         □ Hunting       □ Trapping       □ Fishing       □ None of the above       □ Other:         Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, of the state	ıman Uses Observed	<u>l*:</u>				
□ Hunting □ Trapping □ Fishing □ None of the above □ Other:  Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, of the second seco	☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, or individuals recreating uses.	☐ Wind surfing		☐ Boating	□ Wading	☐ Rafting	
ridence of Human Use*:  □ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Trac □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle □ Other: Now □  urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)		7 7 -				
□ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Trac □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle □ Other: None  urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)	Describe: (include numl	per of individuals recre	ating, frequency of use, photo-	documentation of evidence	of recreational uses, etc	
□ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Trac □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle □ Other: Nort  urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)			•			
□ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Trac □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle □ Other: None  urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)						
□ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Trac □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle □ Other: None  urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)						
□ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Trac □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle □ Other: None  urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)	.:					
□ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle □ Other: Now □  ources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)		1				
urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)	I L.I Koags		***************************************			
urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)		☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
ources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)	☐ Rope swings					
urces of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)	☐ Rope swings					
	☐ Rope swings ☐ Other: Non [				,	

QL;07-17-06 Jose John St

WBID# 956 Site# 977 4 Date: 07/17 / 2006 Data Sheet B - Site Characterization - 2 of 3 Stream Morphology: Upstream View Physical Dimensions: 005.007,009m Distance from Width (m) Length (m) Avg. Depth (m) Max Depth (m) access point (m) □ Riffle □ Run 8 ☑ Pool B 4.8 0.27 0:29 ☑ Yes Velocity (ft/sec): ☑ Flow Present? □ No 1285 Downstream View Physical Dimensions: 0.44 0.21, 0.25m Distance from Width (m) Length (m) Avg. Depth (m) Max Depth (m) access point (m) ☐ Riffle □ Run Pool 0.33 12 3.5 12 0.44 Yes Yes Velocity (ft/sec): ☑ Flow Present? □ No Im =65 Substrate\*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt % Mud/Clay OP % Bedrock Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.) ALGAG PROVALENT THROUGHOUT - 90% OF STROOM AFFOCTED.

	· ·	
Water	Characteristics* (Mark all that apply)	

Odor:	☐ Sewage	□ Musky	☐ Chemical	D None	☐ Other:	
Color:	☑ Clear	☐ Green	☐ Gray	□ Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	□ Solids	☑ Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	☐ Scum	☐ Foam	□ None	☐ Other:	

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID	#	956	Site	#	977
	-				

#### Data Sheet B - Site Characterization - 3 of 3

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Comments: Please describe any departments of the conditions, problems in measuring, site	artures from protocol relocation).	and the reasons for	departure (e.g., unantic	ipated unique local
NONE			<u> </u>	
				<del>"                                      </del>
			· · · · · · · · · · · · · · · · · · ·	
			<u> </u>	

WBID # 956 Site # 977

Date: 07 / 17 / 2006

NONE

## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet C – Interviews

Do you live i		-	sary for multiple inter	views)			
•	v long have you		TO THE STATE OF TH				
2. Have you per If so, plea	rsonally used things check ALL t	s water body for re hat apply:	ecreation since 1975?	□ Yes □ No			
☐ Swimming	vimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing						
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
	G $1-5$ times	5 times per year s per year	lease describe:				
3. Have you obs	served others us	ing this water body hat apply:	for recreation since 1	975? □ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:							
4. Additional Co	omments:						
Contact Information	48 (:5:11:	4					
Contact Informa Name: Address: Telephone #:	ttion (if willing	to provide):					

WBID # 956 Site # 978

Date: 67 / 17 / 2006

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

	9.63077		Arrival Time:	
Longitude (ddd.dddd):	092.76672	A4:953	140	ાં
Photo Ids: Upstream:	0704 I	Downstream: 0705	Other:	
	,	0706 - AGAIC	~ 1 1 <del></del>	
		0 / 24 - 1 1 6 (4 7)	OCIONE	
rrative Description	of Location: (De	scribe access point to stream, ne	arby roads, landmarks, etc.)	
130m UPSTREAM	BAHWUA QUARA	ADAD CADSSING.		
rrounding Conditions of interest.)	ns*: (Mark all that	promote or impede recreational	uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	VE-XEE PHUZO 0>06		
veran Ilaas Obanssad	1*•			
ıman Uses Observed				
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
		☐ SCUBA diving ☐ Boating	☐ Tubing ☐ Wading	☐ Water skiing ☐ Rafting
☐ Swimming ☐ Wind surfing ☐ Hunting	☐ Skin diving ☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	☐ Wading  ☑ None of the above	☐ Rafting ☐ Other:
☐ Swimming ☐ Wind surfing ☐ Hunting	☐ Skin diving ☐ Kayaking ☐ Trapping	☐ Boating	☐ Wading  ☑ None of the above	☐ Rafting ☐ Other:
☐ Swimming ☐ Wind surfing ☐ Hunting	☐ Skin diving ☐ Kayaking ☐ Trapping Der of individuals rec	☐ Boating ☐ Fishing reating, frequency of use, photo	☐ Wading  ☑ None of the above	☐ Rafting ☐ Other:
☐ Swimming ☐ Wind surfing ☐ Hunting Describe: (include numb	☐ Skin diving ☐ Kayaking ☐ Trapping Der of individuals rec	☐ Boating ☐ Fishing reating, frequency of use, photo	☐ Wading  ☑ None of the above	☐ Rafting ☐ Other: of recreational uses, etc.
☐ Swimming ☐ Wind surfing ☐ Hunting ☐ Describe: (include numb	☐ Skin diving ☐ Kayaking ☐ Trapping Der of individuals rec	☐ Boating ☐ Fishing reating, frequency of use, photo	☐ Wading ☐ None of the above -documentation of evidence	☐ Rafting ☐ Other:

QL:07-17-06 Jan Jahn #

WBID #950	s Site # 9	78					4
Date: 67 / 17	/ 2006						
	Data	a Sheet B - Site	Charact	erization	-2 of 3		
Stream Morph Upstream V	ology: iew Physical Din	nensions: 0.80	. 0.36	0/8im			
***	Distance from access point (m)	Width (m)		Length (m	n) ,	Avg. Depth (m)	Max Depth (m)
☐ Riffle							
□ Run							
☑ Pool	120	7.4		5	(	0.82	0.8[
☑ Flow	Present?	☑ No	Vel	ocity (ft/sec			
Downstream	n View Physical I	)imensions: 0.4	X	> ^ ul=>			
	Distance from access point (m)	Width (m)		Length (m		Avg. Depth (m)	Max Depth (m)
☐ Riffle							
□ Run							
1 Pool	130	8.0		10	(	0.46	0.47
☐ Flow	Present?	Ø No	Velo	ocity (ft/sec	e):		
Substrate*: (T)	hese values should ad	d un to 100%)					
	···	Gravel 10	% Sand	10	% Silt	% Mud/Clay	10 % Bedrock
			······································	**************************************	L		
Aquatic Vegeta	ation*: (Note amount of ALC	nt of vegetation or a	lgal growtl	at the asse	essment site	e.)	
	iridial of Acc	ne - 40 % of !	STRUMM	A S F G L (E)	J		
Water Charact	eristics*: (Mark al	I that apply.)			- manifestania - mani		
Odor:	☐ Sewage	☐ Musky	☐ Chem	ical	None	☐ Other:	
Color:	□ Clear	☑ Green	☐ Gray		☐ Milky	☐ Other:	
Bottom Depos	it: 🗆 Sludge	□ Solids	☑ Fine s	ediments	□ None	☐ Other: 5	Aco

Y Foam

Surface Deposit:

□ Oil

☐ Scum

□ None

☐ Other:

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

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Date: 07 / 17 / 2006

#### Data Sheet B - Site Characterization - 3 of 3

Comments: conditions, pro	Please descoblems in me	ribe any asuring,	departure site reloc	s from prote ation).	ocol and the r	easons for de	parture (e.g	, unanticipate	d unique local
SITO RO	ELOCATED	70 A	MEA OF	RASTER	Access.				
	· · · · · · · · · · · · · · · · · · ·	***************************************							
			· <del>· · · · · · · · · · · · · · · · · · </del>	·					
							,		

WBID	#	956		#	978
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# Nove Field Data Sheets for Recreational Use Stream Surveys

If so, hov		lived here?		C 37
	ase check ALL t		ecreation since 1975?	LI Yes LINO
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
			lease describe:	
	ase check ALL t	1		
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
			l	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
	☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:
☐ Wind surfing ☐ Hunting  How ofte	☐ Trapping  In have you obseted Go More than  Go 1 - 5 times	Fishing  erved it being used 5 times per year	☐ None of the above for recreation?	
☐ Wind surfing ☐ Hunting  How ofte	In have you obse G More than G 1 - 5 time G Less than	Fishing  erved it being used 5 times per year s per year 1 time per year – p	☐ None of the above for recreation?	☐ Other:

Telephone #:

WBID # 956 Site # 979

Date: 07/17/2006

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

1 , , , ,	.63131		Arrival Time:			
Longitude (ddd.dddd):	042.76707	Acc; 25-2 FT	i	450		
Photo Ids: Upstream:		Downstream: 0703	Other:			
		•				
		0704-17	TH PASTURE			
arrative Description	of Location: (De	scribe access point to stream, n	earby roads, landmarks, etc.)	•		
260m UPSTREAM	OF BAHNOR OUAL	my POAD CHOSSING.		· ·		
<u> </u>						
	ns*: (Mark all that p	promote or impede recreational	uses. Attach photos of evide	nce or unusual		
ms of interest.)				· ·		
☐ City/county parks	□ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	□ No trespass sign □ Fence □ Steep slopes □ Other: AGRICULTURG-SEE PHO 70 0>					
uman Uses Observed	* <u>*</u>					
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:		
		reating, frequency of use, photo	o-documentation of evidence			
vidence of Human Us	e*:					
idence of Human Us  ☐ Roads	e*:  □ Foot paths/prir	ats 🗆 Dock/platform	Livestock Watering	□ RV / ATV Tracks		
	T		☐ Livestock Watering ☐ NPDES Discharge	☐ RV / ATV Tracks ☐ Fishing Tackle		
	☐ Foot paths/prir			☐ RV / ATV Tracks ☐ Fishing Tackle		

QL: 07-17-06

BID #95(	6Site#9>	, <b>9</b>				4
ate: 07 / 17		Additionally the second second				•
		Sheet B - Site (	Characterization –	· 2 of 3		
= 4"1						
ream Morph Upstream Vi	iology: iew Physical Dim	ensions: 0.2g	0.30.036m			
	Distance from access point (m)	Width (m)	Length (m)	Avg. I	Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
2 Pool	310	7,5	12	0.3	) (	0.36
□ Flow :	Present?   Yes	☑ No	Velocity (ft/sec):			
Darmatrage	- War Dhysical P	C. A samalaman A. C.				
DOWNSH Cam	Distance from access point (m)	Width (m)	4, 0.21, 0.25 M Length (m)	Avg. I	Depth (m)	Max Depth (m)
☐ Riffle						
□ Run					***************************************	
☑ Pool	260	4.8	j.1	0.2	13	0.25
□ Flow	Present?  Yes	□ No	Velocity (ft/sec):			
- · · · · · · · · · · · · · · · · · · ·	- 4					
24.6	hese values should add		% Sand	% Silt	o/ Mad/Class	% Padro
10 % 00	obble 70 % G	Gravel 10	% Sand 10	70 SIII	% Mud/Clay	% Bedroo
quatic Vegets	ation*: (Note amoun	t of vegetation or al	gal growth at the assess	sment site.)		
MODERATE	AMOUNT OF AL	GAG PRESENT	-50% OF BOT	170M AFFE	C760.	
	· · · · · · · · · · · · · · · · · · ·		AND THE PROPERTY OF THE PROPER			
	teristics*: (Mark all	that apply.)				
Odor:	☐ Sewage	□ Musky	☐ Chemical ☐	☑ None	☐ Other:	<del></del>
Color:	☐ Clear	☑ Green	☐ Gray ☐	□ Milky	☐ Other:	
Bottom Depos	sit:   Sludge	☐ Solids	Fine sediments	□ None	☑ Other: 51	AND

Foam

□ None

☐ Other:

☐ Scum

Surface Deposit:

□ Oil

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID	#	956	Site	#	979

## Data Sheet B - Site Characterization -3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).						
SITE RELOCATED TO AMEA OF GASTER ACCESS						

WBID # 956	Site	#	479
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## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)								
<ol> <li>Do you live in the area? ☐ Yes ☐ No</li> <li>If so, how long have you lived here?</li> </ol>								
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:								
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:				
How often do you use it for recreation?  G More than 5 times per year  G 1 − 5 times per year  G Less than 1 time per year − please describe:  3. Have you observed others using this water body for recreation since 1975? □ Yes □ No								
	ase check ALL the	1						
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	<del></del>			
How often have you observed it being used for recreation?  G More than 5 times per year  G 1-5 times per year  G Less than 1 time per year - please describe:								
4. Additional Comments:								
Contact Information (if willing to provide): Name: Address:								

Telephone #:

## Field Data Sheets for Recreational Use Stream Surveys

Latitude (ddd.dddd): 3	8.63198			Arrival Time:			
Longitude (ddd.dddd):	092.76778	ALC:	21.2FT	1510			
Photo Ids: Upstream:		Ownst		Other:			
			O712-WWTP	FEACE 0713-PAS	TURC		
				rby roads, landmarks, etc.)			
MASATERU MOOH	OY DAIMOR QUAR	A LO	40 CNOSSING.				
wa							
rounding Conditions of interest.)	ns*: (Mark all that p	promot	e or impede recreational u	ses. Attach photos of evider	nce or unusual		
☐ City/county parks	☐ Playgrounds	Ωм	DC conservation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks			☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☑ Fence				MOther: AGNICULTURG - PHOTO 0713		
1	<del></del>		* *		AICO GTEN		
man Uses Observed	]*:		···				
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading			
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	☐ Other:		
Describe: (include num	ber of individuals rec	reating	, frequency of use, photo-	documentation of evidence	of recreational uses, etc		
			•	•			
					-		
idence of Human U	se*:						
□ Roads	☐ Foot paths/pri	nts	☐ Dock/platform	Livestock Watering	☐ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites	}	☐ Fire pit/ring	M NPDES Discharge	☐ Fishing Tackle		
Other:			·				
Other:							
***************************************			ainages, discharges, etc.)				

<b>WBID</b> # <u>4</u> :	56 Site# 101	3.				4
Date:	17 /2006					
	Data	a Sheet B - Site C	haracterization –	- 2 of 3		
Oters Man	T T					
Stream Mor Upstream	pnology: 1 View Physical Din	nensions: 0.37. (	MPE50, BEL			
	Distance from access point (m)	Width (m)	Length (m)		Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
☑ Pool	400	7.2	10	(	0.39	0.40
☐ Flow	Present? □ Yes	☑ No	Velocity (ft/sec)			
The second of the	¥75 Dhyajaal I	Minimumainmen a c				-
Domustre	Distance from access point (m)	Width (m)	Length (m)		Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□ Ryn						
☑ Pool	400	3.0	15		).85	0,41
☐ Flow	Present?	☑ No	Velocity (ft/sec)			
						***************************************
	(These values should ac 6 Cobble 70 %	· · · · · · · · · · · · · · · · · · ·	% Sand 15	% Silt	10 % Mud/Clay	% Bedrock
þ /′	o Coppie / // /v	Glaver	% Sand 15	70 13111	10 70 IVIUU/Ciay	70 DCUIOUN
	getation*: (Note amou					
MODERATO	AMOUNT OF ALGA	TO PRESENT - 40.	10 OF STREAM A	FFELTER	>	
				····		
	racteristics*: (Mark a				***************************************	
Odor:	☐ Sewage	☐ Musky	☐ Chemical	☑ None	☐ Other:	
Color:	☐ Clear	☑ Green	☐ Gray	☐ Milky	☐ Other:	
Bottom De	posit:   Sludge	☐ Solids	Fine sediments	□ None	Other:	

☐ Foam

Surface Deposit:

□ Oil

☐ Scum

M None

☐ Other:

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID# 456 Site# 1013
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5.

Date: 07/17 / 2006

#### Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).							
SITU ROLOCATED	TO APPEA WITT	H EASJER ACCUSH					
			•				
			-				

W	BID	#	956	Site	#	1613
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## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet C – Interviews

•	(Make addition	al copies as necess	ary for multiple interv	riews)					
	in the area? □ You long have you		·						
	rsonally used thi ase check ALL t		creation since 1975?	□ Yes □ No					
	☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing								
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting					
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:					
3. Have you ob	G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:  3. Have you observed others using this water body for recreation since 1975? □ Yes □ No								
	ase check ALL t								
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing					
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	Rafting					
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:					
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:									
4. Additional C	Comments:								
Contact Inform	ation (if willing	to provide):	•						

Address:

Telephone #:

WBID	#_	C	156	>	_S	ite	#	<u>Î</u>	01	L	
_				,							

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3	8-65204		Arrival Time:		
Longitude (ddd.dddd):	092.76897	A11: 02 707		1525	
Photo Ids: Upstream:	0 214 E	A(L', 23 2 FT.  Downstream: 0715	Other:		
		•	WETP		
			W & I (		
rrative Description	of Location: (Des	scribe access point to stream, 1	nearby roads, landmarks, etc.)		
570 M UPSTAGAM	OF BAHNOR O	JARRY ROAD CAUSS INC.	·		
-	ns*: (Mark all that p	promote or impede recreationa	l uses. Attach photos of evide	nce or unusual	
s of interest.)	[ D]		5 11.5		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands		☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	<b>区</b> Fence	☑ Steep slopes	Other: WWTP-P	HO'70 07/6	
man Uses Observed	<b>!</b> *:				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☑ None of the above	☐ Other:	
Describe: (include numb	per of individuals rec	reating, frequency of use, pho	to-documentation of evidence	of recreational uses, et	
		•			
idence of Human Us	····				
☐ Roads	☐ Foot paths/pri	nts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	□ NPDES Discharge □ Fishing Tack		
☐ Other:			LIEE PHOTO O	716	
		ires, drainages, discharges, etc	.)		
WWTP-SET PHO	9160 018				

QU:07-17-06 Jehn Herlit

	56 Site #	514				4
Date: <u>07 / 1</u>		ta Sheet B - Site (	Characterization	n _ 2 of 3		
		a ducci di - diici	Chai actei izatioi	H 2 UL 3		
Stream Morp Upstream	ohology: View Physical Dir	mensions: ひりろ	n.44 n.36			
	Distance from access point (m)	Width (m)	Length (n	m) Av	g. Depth (m)	Max Depth (m)
☐ Riffle	<b>A</b>					
□ Run						
Pool	530	9.0	18	0	.41	0,49
☐ Flow	Present?	s M No	Velocity (ft/se			
- 4	***					
Downstrea	m View Physical Distance from					
	access point (m)	Width (m)	Length (n	n) Av	g. Depth (m)	Max Depth (m)
☐ Riffle			***************************************			
□ Run						
[☑ Pool	530	6.0	5	C	).54	0.57
□ Flow	Present?   Yes	S DYNo	Velocity (ft/se	ec):		
Calladontate (	om the stanta a	** * 1000/ )				
	These values should a Cobble 50 %	Gravel 20	% Sand /\d	10 % Silt	10 % Mud/Clay	الم % Bedrock
				-11-20ez	10 (0 - 10 - 10 - 10 - 10 - 10 - 10 - 10	10 /0 2000
Aquatic Vege	etation*: (Note amou	ınt of vegetation or a	lgal growth at the ass	sessment site.)	}	
MODERATO	GAMOUNT OF A	LaAG - 30% of	F STREMA AFFE	ictor.		
			·			
[	cteristics*: (Mark a	ill that apply.)				
Odor:	☐ Sewage	□ Musky	☐ Chemical	None	☐ Other:	
Color:	☐ Clear	☑ Green	□ Gray	☐ Milky	☐ Other:	
Bottom Depo	osit: 🗆 Sludge	□ Solids	Fine sediments	□ None	☐ Other:	
Surface Dep	osit: 🗆 Oil	□ Scum	□ Foam	☑ None	☐ Other:	

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID	#	956	Site	#	1014
	******	~~~			

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Date: 07 / 17 / 2086

## Data Sheet B - Site Characterization - 3 of 3

conditions,	Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).  SITO RELOCATED TO AREA WITH GASTER ACCESS.								
	·								
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		· · · · · · · · · · · · · · · · · · ·							

W	BID	#	156	Site	#	1014

NONE

## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet C – Interviews

• .	(Make addition	nal copies as necess	sary for multiple interv	views)			
1. Do you live If so, how	in the area?   Note that I have you						
	rsonally used thi ase check ALL t		creation since 1975?	□ Yes □ No			
☐ Swimming	☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing						
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often do you use it for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year – please describe:  3. Have you observed others using this water body for recreation since 1975?   Yes							
If so, ple ☐ Swimming	ase check ALL t	hat apply:     D SCUBA diving	☐ Tubing	[ ] Water skiller			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing ☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:			
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:							
4. Additional Comments:							
Contact Inform Name: Address: Telephone #:	ation (if willing	to provide):					



Site# 977 Photo ID# 0701, Upstream



Site# 977 Photo ID# 0703, Fence



Site# 977 Photo ID# 0702, Downstream



Site# 978 Photo ID# 0704, Upstream



Site# 978 Photo ID# 0705, Downstream



Site# 979 Photo ID# 0707, Upstream



Site# 978 Photo ID# 0706, Agriculture



Site# 979 Photo ID# 0708, Downstream



Site# 979 Photo ID# 0709, Path



Site# 1013 Photo ID# 0711, Downstream



Site# 1013 Photo ID# 0710, Upstream



Site# 1013 Photo ID# 0712, Fence



Site# 1013 Photo ID# 0713, Pasture



Site# 1014 Photo ID# 0716, WWTP



Site# 1014 Photo ID# 0715, Upstream